BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Modified Estimate for Improvements to Drains and Asphalting to Roads Ward no 05 Sarrounding area in ward o 05 Jakkur,, Byatrayanpura Sub division.**

Modified Estimated Cost : **2387425.92**

Job Code: **005-20-000105**

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BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of work : Modified Estimate for Improvements to Drains and Asphalting to Roads Vard no 05 Sarrounding area in ward o 05 Jakkur,, Byatrayanpura Sub division.

Sl. No	Description of work	Unit	Measurements				Qty	Rate	Amount
			No	L	B	D			
1	KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 143/ It No 19.1/ PWD SR 2018-19	cum							
	For Drains								
	Jakkur Lake Road		2	173.00	0.90	1.05	326.97		
	Culverts		3	6.00	1.10	1.05	20.79		
	As per Tender Qty 468.36						**347.76**	TR 120.00	**41731.20**
2	KSRB 4-1.4 : Providing and laying in position plain cement concrete of Mix 1:5:10 with OPC @ 160kgs, with 40mm and down size graded granite metal coarse aggregates @0.86cum and fine aggregtes @ 0.58cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4. **Item No 4.4. P 13 / PWD SR 2018-19**	cum							
	For Drains								
	Jakkur Lake Road		2	173.00	0.90	0.15	46.71		
	Culverts		3	6.00	1.10	0.15	2.97		
	As per Tender Qty 69.57						**49.68**	TR 4700.00	**233496.00**
3	KSRB 4.2.2 : **Providing and laying in position plain cement concrete of mix M20 withOPC** cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 14/ Item No. 4.11/ PWD SR 2018-19	cum							

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	For Drain Bed		2	173 00	0 90	0 15	46 71		
	Culverts bottom		3	6 00	1 10	0 15	2 97		
	wall		3x2	6 00	0 20	0 60	4 32		
	Drain Side Walls		2X2	173 00	0 15	0 60	62 28		
	As per Tender Qty 78 54						**116.28**		
	up to 125% Qty 98.18						**98.18**	TR 5400 00	**530172.00**
	above 125% Qty						**18.10**	TR 5400 00	**97740.00**
4	KSRB 4-6 7 : **Providing and removing centering, shuttering,** strutting, propping etc. and removal of form work **for vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16/ It No 4.31/ PWD SR 2018-19	Sqm							
	For RCC Drain		2X4	173.00		0.60	830.40		
	Culverts		3X4	6.00		0.60	43.20		
	As per Tender Qty 912.00						**873.60**	TR 304.00	**265574.40**
	KSRB 4.9.2 **Providing T.M.T steel** reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 18/ Item No. 4.46.2/ PWD SR 2018-19	Tonne							
	0.060Ton/Cum		0.060	116.28			**6.98**		
	As per Tender Qty 4.95						**6.98**		
	As per Tender Qty 6.19						**6.19**	TR 69000.00	**427110.00**
	above 125% Qty						**0.79**	TR 69000.00	**54289.20**
	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge (Data Rate)	sqm							
	Side Drain		575	0.60	0.90		310.50		
	As per Tender Qty 427.20						**310.50**	TR 2000.00	**621000.00**
	Providing and fixing **RCC precast cover slab of 250mm** thick made out of CC 1:2:4 and jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge (Data Rate)	**sqm**							
	For Culverts		2 28	0.60	1.20		20.16		

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	As per Tender Qty 18.00						20.16	TR 4700.00	94752.00
8	KSRRB M100-2. Loading and Unloading of stone boulders by manual means complete as per specification MORTH-100/chapter-1 Page No. 136/ Item No. 17.1/ PWD SR 2018-19	Cum							
			Qty Vide Item No. 2				347.76		
	As per Tender Qty 468.36						347.76	TR 62.00	21561.12
							Total		2387425.92

1 Estimate Sanction amount Rs =30,00,000.00

2 Tender Agriment Amount Rs =23,94,134.52 (Excluding GST)

3 Tender Premium = Below 15.65%

Assistant Engineer

Assistant Executive Engineer
Byatarayanapura Sub-Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For 8.2283.62m92
Head of A/C..P.3726....
CER NO :...16..... Dt:30.03.2021

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